

Zall Hirschstein

zall.hirschstein@gmail.com • 541-517-8510 • linkedin.com/in/ZallH

EDUCATION

- Bard College** Annandale-On-Hudson, NY
B.A. in Psychology 2014–2018
- GPA: 3.6 (Honors); within-major: 3.8
 - **Senior thesis:** “Improving Learning with Real-Time Electrophysiological Neurofeedback”
 - Mind, Brain, and Behavior concentration: Curriculum included neurobiology, computational neuroscience, genetics, philosophy of mind, and pharmacotherapy
 - “Begin in Berlin” study abroad program: Berlin, Germany (July–December, 2014)
- South Eugene High School** Eugene, OR
International Baccalaureate (IB) Diploma 2010–2014
Certificate of Career-Aligned Mastery (CAM) in Digital Arts

RESEARCH EXPERIENCE

- Research Assistant** Annandale-On-Hudson, NY
Bard Summer Research Institute (3) Summer, 2018
- Laboratory Manager** Annandale-On-Hudson, NY
Memory Dynamics Lab (*principal investigator: Justin Hulbert, Ph.D.*) 2016–2018
- Supervised and trained research assistants conducting cognitive neuroscience research
 - Developed, directed, and analyzed experiments; wrote up and presented findings
 - Coordinated and led lab meetings, workgroups, events, and conference attendance
 - Managed lab spaces, websites, inventory, and equipment; wrote IRBs, grants, etc.
- Research Assistant** Annandale-On-Hudson, NY
Bard Summer Research Institute (2) Summer, 2017
- Investigated dynamics of sleep consolidation and memory inhibition using EEG-based auditory targeted memory reactivation
 - Constructed materials for experimental procedure, analysis, and presentation
- Research Assistant** Annandale-On-Hudson, NY
Bard Summer Research Institute (1) Summer, 2016
- Collaborated to code, run, analyze, and present a behavioral and electrophysiological experiment investigating the mnemonic side-effects of top-down hippocampal inhibition
 - Designed, organized, and built new lab workspaces

Laboratory Assistant
Memory Dynamics Lab

Annandale-On-Hudson, NY
2015–2016

- Ran participants on experimental protocols; analyzed data; participated in lab meetings

PUBLICATIONS

Hulbert, J.C., Hirschstein, Z., Brontë, C.A.L., & Broughton, E. (2017). Unintended side effects of a spotless mind: Theory and practice. *Memory*, 1-15. doi:10.1080/09658211.2017.1354999

PRESENTATIONS

Zhang, Z., Depietro, B., Agosto, M., Machen, J., Libby, N.W., Hirschstein, Z., Thuyein, M., Sandbank, L., & Hulbert, J.C. (2018). Reminders of the forgotten: Targeted reactivation of deprioritized memories during sleep. Poster presented at the Fenway Psychology Research Conference, Boston, MA.

Libby, N.W., Hirschstein, Z., & Hulbert, J.C. (2017). An unnoticed note to forget: Targeted reactivation of deprioritized memories during naps. Poster presented at the 3rd Annual Society for Neuroscience (Hudson-Berkshire Chapter) Meeting, Scotia, New York.

Hirschstein, Z., Baker-Blake, B. Murphy, S., Hodge, Z., & Hulbert, J.C. (2017). When forgetting the past induces amnesia for the present: Temporal dynamics of the amnesic shadow. Poster presented at the International Conference of Psychological Science, Vienna, Austria.

Baker-Blake, B., Hirschstein, Z., Hodge, Z., Murphy, S., & Hulbert, J.C. (2016). Forgetting the past induces amnesia for the present: Temporal dynamics of the amnesic shadow. Poster presented for the Bard Summer Research Institute, Annandale-On-Hudson, New York.

OTHER WORK EXPERIENCE

Assistant Southeast Asia
Above The Fray (family textile business—and travel) 2005–present

- Writer, graphic designer, and photographer for publications and promotions
- Assist at sales events: Cashiering, customer service, inventory, set up/take down, etc.

Communications and Design Associate New York, NY
Form NY: Build It Back Summer, 2015

- Designed communications materials for architecture firm subcontracted to NYC redesigning hurricane-damaged homes
- Coordinated to acquire new office for Form NY in Brooklyn
- Organized office needs (including architecture/design hardware/software)

Vocalist and guitarist
Audiophobia

Eugene, OR
2009–2014

- Recorded four studio albums; performed original works across the West Coast
- Managed image, networking, merchandising; raised and directed profits

SKILLS

Research and general skills:

- Demonstrated ability to manage multiple projects; excellent at working under pressure
- Experienced with independent work as well as collaborating on team projects
- Resourceful, quick learner; knack for solving novel problems efficiently and creatively
- “Big picture” person also able to communicate and work at detailed levels

Computer skills:

- Cross-platform proficiency (experience with Mac OSX, Windows, Linux)
- Proficiency with Matlab (and add-ons, e.g., PsychToolbox, FieldTrip, EEGLab, dmlt)
- Proficiency with Adobe Creative Suite
- Proficiency with Microsoft Office (and OpenOffice)
- Working proficiency with SPSS
- Hardware and software troubleshooting experience, including EEG hardware and software (e.g., BioSemi, OpenVibe, Emotiv)
- Basic Proficiency with E-Prime, R, and JavaScript

Interpersonal skills:

- Positive, enthusiastic communicator
- Excellent at inspiring excitement about projects
- Ability to connect with people from diverse backgrounds and with diverse abilities

LEADERSHIP & VOLUNTEER

Academic Mentor
Bard College

Annandale-On-Hudson, NY
2016–2018

- Acted as underclassmen support resource: Lead Q&As and discussions with students about preparing for senior theses, research, “moderation,” courses, and professors

Captain
Bard College Ultimate (Frisbee) Team

Annandale-On-Hudson, NY
2017–2018

Faculty Search Committee Member
Bard College Psychology Program

Annandale-On-Hudson, NY
September, 2016–January, 2017

Volunteer
Mines Advisory Group

Eugene, OR
2008–2015

- Educated and fundraised to support MAG's mission of removing unexploded ordnance from past warfare in Southeast Asia

Summer Volunteer
Amigos de las Américas

Cotopaxi, Ecuador
Summer, 2013

- Organized construction of new school building in collaboration with rural community
- Taught daily after-school programs to youth, collaborating with non-profits FEPP, PLAN
- Fundraised entire cost of program (\$5000) in local community

EXTRACURRICULAR

Graphic Arts and Photography

2007–present

- Graphics and photography (and writing) featured in IBPA Benjamin Franklin Gold Award Book *Silk Weavers of Hill Tribe Laos* (2018)

Bard College Ultimate (Frisbee) Team

2014–2018

Bard College Psychology Club

2015–2018

Bard College Fashion Club

2015–2018